

Industrial Toxicologist/IT and Doctor of Integrative Medicine

Dr. Hildegarde Staninger, M.D. - I

Date: 12/23/2013

Signature: *[Handwritten Signature]*

The above information is taken from the Quest Diagnostics Laboratory Reports dated Feb 15 and 18, 2013. If any additional questions are needed by Cayden Cain's physician Dr. Rafael Victoria or others please forward requests to our office with the proper HIPPA documentation.

- 1) Elevated Cholinesterase RBC above 10,000 IU/L Result: 10,283
- 2) Cholinesterase Plasma levels remain within reference range. Both should be retested within 3 weeks to 1 month after initial testing has been performed
- 3) Elevated 1-methylhistidine (ability to make B vitamins from this amino acid) and if exposed to advanced nano materials made up of polymethylmethacrylates (polymeric forms) will cause elevated results. Result: 431 H
- 4) Zero level of amino acids from 4 to half of the 22 amino acids utilized by the human body. Test results of amino acids were lacking 5 amino acids out of 22, thus 22.7% of the amino acids were missing at a level of ZERO. Sarcosine, beta alanine, citrulline, gamma amino butyric acid, homocystine (should be zero), since it (homocystine) is used to monitor the heart.
- 5) Carboxyhemoglobin level should be zero or none detected, level was 1 %
- 6) Porphyrins, fractionated were present for Uroporphyrins (4.1 mcg/24 hr); heptacarboxyporphyrin (0.9) and coproporphyrins (31.8). Reflective of metal oxide exposure and/or porphyrin nano tubes utilized in bio-scaffolding and other nanotechnology applications.

Exposure to advanced nano materials that are composed or break down into nanoparticulate matter will show the following in biological monitoring tests as performed on Cayden Cain.

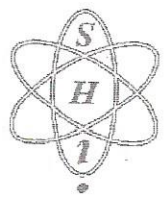
Subject: Biological Monitoring Test Results as Reflective of Observations from Exposure to Nanoparticulates and other advanced materials/metal oxides.

RE: Cayden Cain, Quest Laboratory Reports dated Feb 15, 2013
(See attached Quest Laboratory Reports dated Feb 15 and 18, 2013)

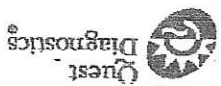
December 23, 2013

Integrative Health Systems, LLC

"One Cell One Light" ©



FILE COPY



Report Status: Final
 CAIN, CAYDEN

Client Information Client #: Not Given	Specimen Information Specimen: EN654383H Collected: 02/15/2013 / 14:49 PST Received: 02/16/2013 / 01:35 PST Reported: 02/25/2013 / 15:34 PST (* A Copy From)	Patient Information CAIN, CAYDEN DOB: 09/22/2007 AGE: 5 Gender: M Patient ID: 092207CC Health ID: 8573008738548786
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Test Name	In Range	Out Of Range	Reference Range	Lab
PHENYLALANINE	8		2-22 mmol/mol creat	EN
TRYPTOPHAN	6		2-27 mmol/mol creat	EN
ORNITHINE	1		< OR = 5 mmol/mol creat	EN
LYSINE	12		3-112 mmol/mol creat	EN
CYSTINE	7		3-20 mmol/mol creat	EN
HYDROXYLYSINE	4		< OR = 8 mmol/mol creat	EN
AMMONIA (P)	26		< OR = 47 umol/L	EN
CARBOXYHEMOGLOBIN (B)	1		% of total Hgb	EN

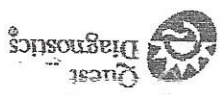
Nonsmoker: <2
 Average Smoker: 4-5
 Heavy Smoker: 8-12
 Potentially Toxic: >15

PERFORMING SITE:

QUEST DIAGNOSTICS-WEST HILLS, 8401 FALLBROOK AVENUE, WEST HILLS, CA 91304-3226 Laboratory Director: JON NAKAMOTO, MD, CLIA: 05D0643352
 QUEST DIAGNOSTICS-NICHOLS SFC, 33608 ORTEGA HWY, SAN JUAN CAPISTRANO, CA 92675-2042 Laboratory Director: JON NAKAMOTO, MD PHD, CLIA: 05D0643352

Your request to have a duplicate copy faxed has been acknowledged.
 Queued to: 13234662774

* UNASSIGNED ACCOUNTS has requested a copy of this report be sent to you. Ordering Physician: STANINGER, HILDEGARD



Report Status: Final
CAIN, CAYDEN

Client Information	Specimen Information	Comments:
Client #: Not Given 99999999 DR. HILDEGARDE STANINGER 415 3/4 N. LARCHMONT BLVD. LOS ANGELES, CA 90004	Specimen: BN654383H Requisition: 0343003 Collected: 02/15/2013 / 14:49 PST Received: 02/16/2013 / 01:35 PST Reported: 02/25/2013 / 15:34 PST (* A Copy From)	Patient Information CAIN, CAYDEN DOB: 09/22/2007 AGE: 5 Gender: M Phone: 818.451.3660 Patient ID: 0922207CC Health ID: 8573008738548786 COLLECTION KIT GIVEN TO PATIENT. PATIENT ADVISED TO RETURN

Test Name
 CHOLINESTERASE, SERUM,
 PLASMA, RBC (CA CLIENTS)
 CHOLINESTERASE, SERUM
 CHOLINESTERASE, RBC
 CHOLINESTERASE, PLASMA
 PURPOSE
 AMINO ACID ANALYSIS,
 LC/MS, URINE
 INTERPRETATION
 SEE NOTE

THIS PATTERN OF AMINO ACIDS DOES NOT SUGGEST A SPECIFIC
 INHERITED METABOLIC DEFECT.

Interpretation reviewed by: Rajesh Sharma, Ph.D., DABMG
 IF YOU HAVE ANY QUESTIONS REGARDING THESE RESULTS, PLEASE
 CONTACT THE QUEST DIAGNOSTICS BIOCHEMICAL GENETICS
 LABORATORY AT 1-800-642-4657 ext 4817 or ext 4423 AND ASK TO
 SPEAK WITH THE LABORATORY DIRECTOR ON CALL. FOR GENERAL
 QUESTIONS ABOUT QUEST DIAGNOSTICS GENETIC TESTING, PLEASE
 CALL THE GENE INFO LINE AT 1-866-GENE-INFO.
 DATE OF BIRTH
 CREATININE, RANDOM URINE
 ASPARTIC ACID
 GLUTAMIC ACID
 HYDROXYPROLINE
 SERINE
 ASPARAGINE
 ALPHA AMINO ADIPIC ACID
 GLYCINE
 GLUTAMINE
 SARCOSEINE
 BETA ALANINE
 TAURINE
 HISTIDINE
 CITRULLINE
 ARGININE
 THREONINE
 ALANINE
 1-METHYLHISTIDINE
 GAMMA AMINO BUTYRIC ACID
 3-METHYLHISTIDINE
 BETA AMINO ISOBUTYRIC
 ACID
 PROLINE
 ETHANOLAMINE
 ALPHA AMINO BUTYRIC ACID
 TYROSINE
 VALINE
 METHIONINE
 CYSATHIONINE
 ISOLEUCINE
 LEUCINE
 HOMOCYSTINE

0.18-13.19 mmol/L
 < OR = 2 mmol/mol creat
 < OR = 10 mmol/mol creat
 < OR = 4 mmol/mol creat
 13-127 mmol/mol creat
 3-42 mmol/mol creat
 < OR = 34 mmol/mol creat
 23-413 mmol/mol creat
 18-188 mmol/mol creat
 < OR = 2 mmol/mol creat
 < OR = 5 mmol/mol creat
 < OR = 255 mmol/mol creat
 9-425 mmol/mol creat
 < OR = 4 mmol/mol creat
 < OR = 8 mmol/mol creat
 4-60 mmol/mol creat
 8-156 mmol/mol creat
 5-400 mmol/mol creat
 * OR = 3 mmol/mol creat
 11-40 mmol/mol creat
 < OR = 133 mmol/mol creat
 < OR = 11 mmol/mol creat
 27-114 mmol/mol creat
 < OR = 5 mmol/mol creat
 2-48 mmol/mol creat
 2-20 mmol/mol creat
 < OR = 5 mmol/mol creat
 < OR = 8 mmol/mol creat
 < OR = 5 mmol/mol creat
 < OR = 13 mmol/mol creat
 < 1 mmol/mol creat

5 Hours
 Zero

431 H

QUEST DIAGNOSTICS: 866.697.8378

SPECIMEN: BN654383H

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Patient Information	Specimen Information	Client Information
CAIN, CAYDEN DOB: 09/22/2007 AGE: 5 Gender: M Phone: 818.451.3660 Patient ID: 092207CC Health ID: 8573008738548786	Specimen: EN733051H Requisition: 0343208 Collected: 02/18/2013 / 13:54 PST Received: 02/19/2013 / 01:00 PST Reported: 02/21/2013 / 21:27 PST (* A Copy From)	Client #: Not Given 9999999 DR. HILDEGARDE STANINGER 415 3/4 N. LARCHMONT BLVD. LOS ANGELES, CA 90004

COMMENTS: SPLIT 02/15/2013 FROM 0343003
Volume: 421/24

Test Name	In Range	Out Of Range	Reference Range	Lab
PORPHYRINS, FRACTIONATED, ON, 24 HOUR URINE				EZ
TOTAL VOLUME	421		mL	
UROPORPHYRINS	4.1		3.3-29.5 mcg/24 h	
HEPTACARBOXYPORPHYRIN	0.9		< OR = 6.8 mcg/24 h	
HEXACARBOXYPORPHYRIN	SEE NOTE		< OR = 0.9 mcg/24 h	
Result is below reportable range for this analyte.				
PENTACARBOXYPORPHYRIN	SEE NOTE		< OR = 4.7 mcg/24 h	
Result is below reportable range for this analyte.				
COPROPORPHYRINS	31.8		< OR = 155 mcg/24 h	
PORPHYRINS, TOTAL	36.8		12-190 mcg/24 h	
INTERPRETATION	SEE NOTE			

*Metabolite: porphyrin values
level:*

All porphyrins tested were within the normal range.

This test may not detect elevated porphyrins if the patient is asymptomatic or is undergoing treatment.

Please be aware that some porphyrins degrade when samples are unprotected from light or are transported at refrigerated or ambient temperature.

Results reported as below reportable range are considered normal as there are no associations between low porphyrin levels and porphyrin disorders.

Interpretation reviewed by: Denise Salazar, Ph.D., DABMG.
 IF YOU HAVE ANY QUESTIONS REGARDING THESE RESULTS, PLEASE CONTACT THE QUEST DIAGNOSTICS BIOCHEMICAL GENETICS LABORATORY AT 1-800-642-4657 ext 4817 or ext 4423 AND ASK TO SPEAK WITH THE LABORATORY DIRECTOR ON CALL. FOR GENERAL QUESTIONS ABOUT QUEST DIAGNOSTICS GENETIC TESTING, PLEASE CALL THE GENE INFO LINE AT 1-866-GENE-INFO.

RECEIVED
2/26/13

PERFORMING SITE:

EZ QUEST DIAGNOSTICS/NICHOLS SJ, 33608 ORTEGA HWY, SAN JUAN CAPISTRANO, CA 92675-2042 Laboratory Director: JON NAKAMOTO, MD PHD, CLIA: 05D0643352

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